

Release notes for ENDF/B Development g-018_Ar_040
evaluation

ENDF
B-VII.dev

December 2, 2016

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=1837, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=1837, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 31 TO 34
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=1837, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=1837, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 31
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=1837, MF= 3, MT= 5 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=1837, MF= 3, MT= 5
SECTION 3/ 5 NOT IN DIRECTORY RECORD NUMBER 36
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=1837, MF= 6, MT= 5 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=1837, MF= 6, MT= 5
SECTION 6/ 5 NOT IN DIRECTORY RECORD NUMBER 67
```

- fudge-4.0 Errors:

1. Calculated and tabulated thresholds don't agree
reaction label 0: sumOfRemainingOutputChannels / Cross section: (Error # 0): Threshold mismatch

```
WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 6.7998e6 eV!
```